LABORATORY

OF THE

INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

BULLETIN No. 274

LARD AND LARD SUBSTITUTES

54391—1

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OTTAWA CANADA

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LARD AND LARD SUBSTITUTES

OTTAWA, January 19, 1914.

WM. HIMSWORTH, Esq.,
Deputy Minister,
Inland Revenue.

SIR,—I beg to hand you a report of work done upon 243 samples of lard and lard substitutes as sold in Canada. This collection was made in June and July, 1913.

The general nature of these samples, as offered for sale, may be stated as follows:—

	Samples.
Offered for sale as lard	157
" " " compound lard	46
Not sold as lard	40
Total	243

Of 157 samples sold as lard are found:—

Genuine	145
Adulterated	5
Doubtful	7
Total	157

Adulteration is charged for the reasons following:—

No. 58947 sold as lard, is a compound lard.
No. 58755 sold as lard, contains 3.45 p. c. water.
No. 58757 sold as lard, is a compound lard.
No. 58049 sold as lard, contains 1.67 p. c. water.
No. 58814 sold as lard, contains 1.47 p. c. water.

Six (6) samples are judged as doubtful, because the results of analysis indicate the presence of cotton seed products, but in so small amount as to be considered possibly accidental. No. 1641 was sold as lard; but the vendor declared its compound character after the sale. It is doubtful whether this should relieve him of the charge of adulteration.

Forty six (46) samples sold as compound lard are found as follows :—

	Samples.
Genuine compound lard	43
Adulterated	3
Total	46

Adulteration consists as below :—

No. 50633, contains 1.93 p.c. water.
No. 57456, contains 1.33 p.c. "
No. 58802, contains 1.47 p.c. "

Forty (40) samples are sold by various names, and not as lard.

Of this number 38 must be regarded as fulfilling the conditions of sale. Two samples sold as Deb. No. 57454, and as Flex, No. 57457, respectively, must be regarded as adulterated, inasmuch as they contain excess of water, and of mineral solids ; among which are found distinct traces of nickel, a metal which as well as its soluble compounds, is poisonous.

I beg to recommend publication of this report as Bulletin No. 274.

I have the honour to be, Sir,

Your obedient servant,

A. McGILL,

Chief Analyst.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF NOVA SCOTIA—							
1913.							
July 11	Easifirst Shortening.	54127	Ritcey & Corkum, Halifax, N.S.	1 lb.	13	Gunn Co., Ltd., Toronto.	Mfrs.
" 11	Lard	54128	P. T. Shea, Halifax, N.S.	1 "	20	J. Morrell & Co., Ottumwa, N.S.	"
" 11	Chopped Suet.	54129	Bentley & Layton, Ltd., Halifax, N.S.	1 "	20	Vendors	
" 11	Compound Lard.	54130	W. E. Ford, Halifax, N.S.	1 "	16	M. K. Fairbanks Co., Montreal.	Unknown
" 11	Crisco	54131	City Provision Store, Halifax, N.S.	1½ "	30	Proctor, Gamble Co., Cincinnati, U.S.	Jno. Tobin & Co., Halifax, N.S.
" 11	Chopped Suet.	54132	" "	1 "	20	Vendor	
" 14	Lard	54133	Jos. A. Leaman & Co., Halifax, N.S.	1 "	20	Vendors	
" 14	Chopped Suet.	54134	" "	1 "	20	"	
" 14	Lard, Compound.	54135	Geo. Henley, Halifax, N.S.	1 "	16	Swift & Co., Toronto.	Bauld Bros. Ltd., Halifax, N.S.
" 14	Crisco	54136	R. N. McDonald Estate, Halifax, N.S.	1½ "	30	Proctor Gamble Co., Cincinnati, U.S.	Jno. Tobin & Co., Halifax, N.S.
" 16	Compound	54137	Wm. Law & Co., Yarmouth, N.S.	1 "	12	" "	
" 16	Compound Lard.	54138	P. A. Yerxa, Yarmouth, N.S.	1 "	15	Laing Packing Co., Montreal.	
" 24	Kokobut	54139	A. F. Ross & Co., Truro, N.S.	2 "	40	Cocoa Nut Butter, Ltd., Montreal.	
" 25	Lard	54140	J. W. Smeltzer, Lunenburg, N.S.	1 "	18	Wm. Davies Co., Ltd., Toronto.	
" 25	"	54141	B. G. Oxner, Lunenburg, N.S.	1 "	18	Gunns Ltd., Toronto.	
DISTRICT OF NEW BRUNSWICK—							
June 5	Lard	50626	2 Bakers, Ltd., St. John, N.B.	1½ lb.	27	Jno. P. Squire & Co., Boston, Mass.	
" 23	Crisco	50627	M. E. Grass, St. John, N.B.	1 "	30	The Proctor & Gamble Co., Cincinnati, U.S.	
" 23	Easifirst Shortening.	50628	Walter Gilbert, St. John, N.B.	2 "	36	Gunns Ltd., Toronto.	
July 2	"	50629	E. J. Hieatt, St. John, N.B.	1½ "	18	" "	
" 3	Lard, Compound.	50630	Geo. J. Smith, St. John, N.B.	1½ "	18	The Harris Abbatoir Co., Ltd., Toronto.	
" 3	Lard	50631	W. S. Knowles, St. John, N.B.	1½ "	30	Slipp & Flewelling, St. John, N.B.	
" 3	"	50632	J. H. Shaw Estate, St. John, N.B.	1½ "	30	Swift, U.S.A	

LARD AND L RD SUBSTITUTES.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro Refracto-meter Reading at 40° c.	Iodine Number (Hanus).		
R. J. WAUGH, INSPECTOR.						
	p. c.					
.....	Traces.	Crimson	56·5	.....	54127	Not sold as lard.
Sold as pure	"	.....	51	.....	54128	Genuine.
.....	.....	.....	.....	.....	*54129	Not sold as lard.
.....	Traces.	Crimson	57·5	.....	54130	Sold as compound.
.....	"	.....	55	.....	54131	True to name. Not sold as lard.
.....	"	.....	47	.....	54132	Not sold as lard.
Sold as pure	0·15	.....	50	.....	54133	Genuine.
.....	.....	.....	.....	.....	†54134	Not sold as lard.
Jewel Brand	0·14	Crimson	58·5	.....	54135	Sold as compound.
Purely Vegetable.	Traces.	.....	56	.....	54136	True to name. Not sold as lard.
Flake white	"	Crimson	59	.....	54137	Sold as compound.
Laing's	"	"	57	.....	54138	" "
Pure Vegetable Butter	"	.....	36·5	.....	54139	True to name. Not sold as lard.
Sold as pure	"	.....	49·5	.....	54140	Genuine.
Maple Leaf Brand	"	.....	50	.....	54141	"
J. C. FERGUSON, INSPECTOR.						
.....	Traces.	.....	52	.....	50626	Genuine.
.....	"	.....	55·5	.....	50627	True to name. Not sold as lard.
.....	"	Crimson	57·5	.....	50628	Not sold as lard.
.....	"	Red	57·5	94·30	50629	" "
Domestic	"	Crimson	57	90·78	50630	Sold as compound.
Leaf Lard	"	.....	51	.....	50631	Genuine.
Silver Leaf Brand. Guaranteed pure Lard.	0·15	.....	51	.....	50632	"

* No determination made. Sample of suet badly moulded. † No determination made. Very mouldy sample.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF NEW BRUNSWICK—							
1913.							
July 3	Compound	50633	Chas. Robinson, St. John, N.B.	1½ lb.	20	N. K. Fairbanks Co., Ltd., Montreal.	
" 3	Substitute	50634	Thos. J. Dean, St. John, N.B.	1½ "	25	Swift, Canadian Co., Ltd., Toronto.	
" 8	Compound	50635	H. O. Neill, Fredericton, N.B.	1½ "	20	The N. K. Fairbanks Co., Ltd., Montreal.	
" 9	Lard	50636	Geo. H. Dent, Woodstock, N.B.	1½ "	30		The Geo. E. Barbour Co., Ltd., Woodstock, N.B.
" 11	"	50637	J. W. Craig, Perth, N.B.	1½ "	30		Purves & Co., St. Stephen, N.B.
" 22	"	50638	Sussex Mercantile Co., Ltd, Sussex, N.B.	2 "	40	Gunns, Ltd., Toronto.	
" 22	"	50639	W. McD. Campbell, Sussex, N.B.	1½ "	30	Matthews, Laing Ltd., Toronto.	
" 23	"	50640	J. A. Marven, Moncton, N.B.	1½ "	21	Morris & Co., Chicago, Ill.	
DISTRICT OF QUEBEC—							
June 20	Lard	37095	Joseph Paquet, 128 Rue du Pont, Quebec.	1½ lb	26	T. M. Sinclair Co.	T. E. Gregoire
" 23	"	37096	Hamel & Bedard, 728 Rue St. Joseph, Quebec.	1½ "	30	Ingersoll Packing Co., Ingersoll.	P. T. Busière & Cie.
" 26	"	37097	Arthur Rinfret, 414 Rue St. Joseph, Quebec.	1½ "	27	F. W. Fearman Co., Ltd., Hamilton.	Octave Jacques.
" 26	"	37098	Joseph Lyonais, 50 Rue Dorchester, Quebec.	1½ "	40	F. M. Sinclair, Cedar Rapids.	"
" 26	"	37099	Cantin & Frere, 271 Rue St. Joseph, Quebec.	1½ "	30	O'Keefe & Drew, Chatham, Ont.	J. B. Reneaud & Cie.
" 27	"	37100	Drolet & Bedard, 12 Rue Bagot, Quebec.	1½ "	30	Vendors	
" 27	"	56101	Oliver Bacon, 28 Rue Hermine, Quebec.	1½ "	30	Louis Drolet	Mfr
" 27	"	56102	T. Gagnon, 132 Rue Sauvageau, Quebec.	1½ "	30	Sinclair, Cedar Rapids.	Desire & Drolet.
" 27	"	56103	Joseph Cauchon, Sauvageau and Franklin, Quebec.	1½ "	30	Vendor	
" 27	"	56104	Joseph Proulx, 284 Rue Arago, Quebec.	1½ "	30	Fowler's, Hamilton.	Turcotte & Frere.
" 27	"	56105	T. Greffard, 133 Rue Victoria, Quebec.	1½ "	27	O'Keefe, Chatham.	J. B. Reneaud & Cie.
" 30	"	56106	Jean Drolet, 321 Prince Edouard, Quebec.	1½ "	27	Vendor	
" 30	"	56107	T. E. Morency, 172 Rue Dorchester, Quebec.	1½ "	30	"	

LARD AND LARD SUBSTITUTES.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro Refracto-meter Reading at 40°c.	Iodine Number (Hanus).		
J. C. FERGUSON, INSPECTOR—*Concluded.*						
	p. c.					
Boar's Head	1·93	Crimson	50	98·30	50633	Sold as compound. Excess water. Adulterated.
Jewel Brand	Traces.	"	58	.....	50634	Not sold as lard.
Boar's Head	"	"	58	.....	50635	Sold as compound.
Swift's Silver Leaf Lard	"	.....	53	.....	50636	Genuine.
" "	"	.....	52·5	.....	50637	"
.....	"	.....	51	.....	50638	
.....	"	Light red.	51·5	.....	50639	"
White Leaf Lard	"	.....	52·5	.....	50640	"
F. X. W. E. BELAND, INSPECTOR.						
.....	Traces.	Faint pink.	50·5	62·79	37095	Genuine.
.....	"	.....	50	.....	37096	"
.....	"	.....	51	.....	37097	
.....	"	.....	51	.....	37098	"
.....	"	.....	50·5	.....	37099	"
.....	"	.....	50	.....	37100	"
.....	"	.....	53	.....	56101	"
.....	"	.....	51·5	.....	56102	"
.....	0·25	.....	51	.....	56103	"
.....	Traces.	.....	51·5	.....	56104	"
.....	"	.....	51	.....	56105	"
.....	"	.....	51	.....	56106	"
.....	"	.....	52	.....	56107	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF QUEBEC—							
1913.							
June 30	Lard.	56108	Louis Tremblay, 192 Rue D'Orchester, Quebec.	1½lb.	30	Vendor	
" 30	"	56109	Dusauld & Audy, 94 Rue E'Orchester, Quebec.	1½ "	30	Vendors	
DISTRICT OF EAST QUEBEC—							
June 24	Lard	53323	L. J. Fournier, Montmagny, Quebec.	1½lb.	30	O'Keefe & Drew, Chatham, Ont.	
" 24	"	53324	Dame J. A. Peliquin, Montmagny, Quebec.	1½ "	27	Sinclair, Toronto.	
" 24	"	53328	A. N. Normand, Montmagny, Quebec.	1½ "	30	Imperial Pure Lard, Hamilton.	
" 24	"	53332	J. Fournier, St. Thomas, P. Q.	1½ "	30	Sinclair, Cedar Rapids, Iowa.	
" 24	"	53336	A. Letourneau, Montmagny, Quebec.	1½ "	35	Matthews Laing, Montreal.	
" 24	"	53337	N. Letourneau, Montmagny, Quebec.	1½ "	27	O'Keefe & Drew, Chatham, Ont.	
July 2	"	53339	F. A. Fournier, Monmagny, Quebec	1½ "	30	Gunn's Ltd., Toronto.	
" 2	"	53341	M. Lemieux, Montmagny, Quebec.	1½ "	30		Morris & Co., Montreal.
" 2	"	53347	J. A. Caron, Montmagny, Quebec.	1½ "	30	Gunn's Ltd., West Toronto.	Mfrs
" 2	"	53348	N. D. Laberge, St. Thomas, P. Q.	1½ "	30	" "	"
" 2	"	53353	J. Z. Guimond, Cape St. Ignace, P. Q.	1½ "	30	T. E. Sinclair, Cedar Rapids, Iowa.	
" 2	"	53355	V. Bernier, Cape St. Ignace P. Q.	1½ "	30	The Harris Abattoir, West Toronto.	
" 2	"	53356	A. Dalaire, Cape St. Ignace P. Q.	1½ "	30	Ingersoll Packing Co., Ont.	
" 2	"	53357	Elz. Boule, Cape St. Ignace P. Q.	1½ "	30	T. M. Sinclair & Co., Iowa.	
" 2	"	53358	Z. Bernier, Cape St. Ignace P. Q.	1½ "	30	Gunn's Ltd., West Toronto.	
DISTRICT OF THREE RIVERS—							
June 20	Lard, Compound.	58942	I. A. Boisvert, Joliette, P. Q.	2 pts.	36	O'Keefe & Drew, Chatham, Ont.	
" 24	Lard, Compound.	58944	W. Brissette, St. Felix de Valois, P. Q.	5 lbs.	70	N. R. Fairbank, Ltd,, Montreal.	
" 25	Lard, Compound.	58945	I. H. Chaine, Three Rivers P. Q.	1½ "	21	" "	

ARD AND LARD SUBSTITUTES.

Inspector's Report. (Is not an expression of opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro Refracto-meter Reading at 40°c.	Iodine Number (Hanus).		
Concluded.						
	p.c.					
	Traces..		50		56108	Genuine.
	0·32		51		56109	"
ALP. PELLETIER, INSPECTOR.						
	Traces..		52		53323	Genuine.
	" ..		50		53324	"
	" ..		52·5		53328	"
	" ..		52·5		53332	"
	" ..	Pink	52·5	62·99	53336	"
	" ..		52·5		53337	"
	" ..		51		53339	"
	" ..		52		53341	"
	" ..		52		53347	"
	" ..		51		53353	"
	" ..		52·5		53383	"
	" ..	Pink	52	60·25	53355	"
	" ..		52		53356	"
	" ..	Faint pink..	52	64·39	53357	"
	" ..	"	51	60·52	53358	"
Dr. V. P. LAVALLEE, INSPECTOR.						
	Traces..		51		58942	Sold as compound.
	" ..	Crimson	58·5		58944	" "
	" ..	"	57·5		58945	" "

Date of Collection	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF THREE RIVERS—							
1913.							
June 25	Lard.	58946	O. Carignan Fils, Three Rivers.	1 pail.	60	Ingersoll Packing Co.	
" 30	"	58947	Bourret et Fils, Louiseville.	3 lbs.	39	Matthews-Laing Co., Montreal.	
" 30	Lard Compound.	58948	Isaac Guiguere, Louiseville.	3 "	37	N. K. Fairbank, Ltd., Montreal.	Laporte Martin, Montreal.
July 6	Lard	58977	Deschenes et Picard, Joliette.	3 "	54	Fowlers, Hamilton	
" 6	"	58978	J. M. Pelletier, Joliette.	3 "	54	Laing-Matthews, Montreal.	
" 8	"	58979	W. H. Lacasse, L'Assomption.	3 "	50	Davies & Co., Ltd., Montreal.	
" 10	"	58980	A. Amirault, L'Epiphanie.	3 "	57	W. Davies, Ltd., Montreal.	
" 10	"	58981	Maria Racette, L'Epiphnie.	3 "	54	"	
" 12	"	58982	Chevalier et Magnan, Joliette.	3 "	45	Laing-Matthews, Montreal.	
" 14	"	58983	Magnan et Chevalier, Joliete.	3 "	45	W. Davies Co., Ltd., Montreal.	
" 14	"	58984	L. A. Chartier, Joliette.	3 "	53	Laing-Matthews, Ltd., Montreal.	
DISTRICT OF EASTERN TOWNSHIP—							
July 14	Lard	1629	Isaie Giroux, Coaticook.	3 lbs.	54	Vendor	
" 14	Ko-Ko-But.	1630	Woodman & McKee, Coaticook.	1 tin.	25	Dom. Cocoanut Butters, Ltd., Montreal.	
" 16	Crisco.	1631	Denault Grain & Prod. Co., Sherbrooke.	1 "	30	Procter & Gamble Co., Cincinnati, Ohio.	Forbes & Nadeau, Montreal.
" 17	Lard.	1632	Gosselin & Lussier, Weedon.	5 lbs.	90	Fowlers Canad. Co., Ltd., Hamilton.	
" 22	"	1633	Au Bon Marché, Ltd., Black Lake.	3 "	55		Lafontaine & frere, Black L.
" 23	"	1634	Gagne & Rodrigue	5 "	90	F. M. Sinclair & Co., Ltd., Cedar Rapids, Iowa.	
" 24	"	1635	Mackenzie & MacIver, Scottstown.	3 "	60	The Hovey Bros. Packing Co Sherbrooke.	
" 28	"	1636	Geo. W. Buzzell & Co., Abbotsford.	3 "	55	Matthews-Laing, Ltd., Montreal	
" 28	"	1637	C. A. Phaneuf, St. Casaire.	1 "	18	"	
" 29	"	1638	H. J. Desautels, St. Angèle Rouville.	1½ "	27	J. B. Deschamps & fils, Montreal.	
" 30	"	1639	Jos. Guertin, Beloeil.	1½ "	27	Swift Canad. Co., Ltd., Toronto.	

LARD AND LARD SUBSTITUTES.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.					Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro Refractometer Reading at 40°c.	Iodine Number (Hanus).	No. of Sample.	
Concluded.						
	p. c.					
.....	Traces.	.....	50·5	.....	58946	Genuine.
.....	"	Crimson....	57·5	90·67	58947	Adulterated containing cotton seed oil.
.....	0·62	"	58	.....	58948	Sold as compound.
.....	Traces.	.....	50·5	.....	58977	Genuine.
.....	"	Red ..	51	62·26	58978	Doubtful. See p. 2.
.....	"	.....	50	.....	58979	Genuine.
.....	"	.....	50	.....	58980	"
.....	"	.....	50·5	.....	58981	"
.....	0·11	Red.....	51	60·10	58982	Doubtful. See p. 2.
.....	Traces.	.....	51	.....	58983	Genuine.
.....	"	Pink.	51	65·64	58984	Doubtful. See p. 2.
J. C. ROULEAU, INSPECTOR.						
.....	Traces.	.....	50	.....	1629	Genuine.
.....	"	.....	36·5	5·52	1630	Not sold as lard.
.....	"	.....	55	.....	1631	True to name, not sold as lard.
.....	"	.....	51	.....	1632	Genuine.
.....	0·24	.....	51	.....	1633	"
.....	Traces.	.....	52	.....	1634	"
.....	"	.....	49·5	.....	1635	"
Labelled pure..	"	Faint pink.	51	62·19	1636	"
.....	"	Pink.	52	62·51	1637	"
.....	"	"	52	60·71	1638	"
.....	"	.....	51	.....	1639	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
			DISTRICT OF EASTERN TOWNSHIPS				
1913.							
July 31	Lard	1640	J. B. Courchesnes, Drummondville.	1½ lbs.	33	Vendor	
" 31	"	1641	J. B. Tremblay, Drummondville.	1½ "	23	Fairbanks Co., Ltd., Montreal.	
Aug. 1	"	1642	Leop. Beaudry, La Providence, St. Hyacinthe	1½ "	30	Vendor	
" 1	"	1643	Gregoire Freres, St. Hyacinthe.	3 "	50	Fowler's Canadian Co., Ltd., Montreal.	Gunn, Langlois & Cie.
			DISTRICT OF MONTREAL				
July 8	Lard	58746	F. G. Flood, 252 Lagauchetière St. west, Montreal.	1½ lb.	30		Unknown
" 8	"	58747	S. Whitehead, 248 Lagauchetière St. west, Montreal.	1½ "	30	Whyte Packing Co.	
" 8	"	58748	H. Lalandey, 351 Orlean St., Maisonneuve.	1½ "	27	Matthews Ltd., Montreal.	
" 8	Shortening	58749	Phaneuf & Carrière, 76 Duquette St., Montreal.	1½ "	23	Gunns Ltd., Toronto.	
" 14	Lard	58750	A. Bernier, 37 Frontenac St., Montreal.	1½ "	27		W. Champagne, Montreal.
" 14	"	58751	C. Rollin, 108 Frontenac St., Montreal.	1½ "	27	Vendor	
" 14	"	58752	Jacob Levi, 1421 Demontigny St., Montreal.	1½ "	29		Gunn, Langlois & Cie, Montreal.
" 14	"	58753	N. Bolduc, 115 Iberville St., Montreal.	1½ "	30	F. W. Fearman, Co., Ltd., Hamilton.	
" 14	"	58754	J. Forest, 1393 St. Catharine St. E., Montreal.	1½ "	27		Gunn, Langlois, Montreal.
" 22	"	58755	F. Langlois, River Beaudette.	1½ "	27		Hudon & Orsali, Montreal.
" 22	"	58756	Joseph Sauvé, River Beaudette.	2 "	38	The Wm. Davies Co., Ltd., Montreal.	
" 23	"	58757	Mess Theriault & Le Blanc, St. Polycarpe.	1½ "	24	Nat. Pack. and Prov. Co., Quebec.	
Aug. 6	"	58758	E. Martin, 203 Laurier Ave. west, Montreal.	1½ "	30	The Whyte Pack. Co., Ltd., Stratford. Ont.	
" 6	"	58759	John Sullivan, Laurier and Esplanade Ave., Montreal.	1½ "	30	Fowler's Canadian Co., Ltd., Hamilton.	
" 6	"	58760	Emile Gaudry, 31 Laurier Ave. west, Montreal.	1½ "	30		Gunn, Langlois & Co., Montreal.

LARD AND LARD SUBSTITUTES.

Inspector's Report. (Is not an expression of opinion).	Results of Analysis. Water.	Halphen Test.	Butyro Refractometer Reading at 40° c.	Iodine Number (Hanus).	No. of Sample.	Remarks and Opinion of the Chief Analyst.
Concluded.						
	p. c.					
....	Traces.	.....	51	.....	1640	Genuine.
After purchase, was informed it was a mixture.	" ..	Crimson....	57·5	92·27	1641	See inspector's report. Doubtful.
... .	0·42	....	50	.....	1642	Genuine.
... .	Traces.	....	52	... .	1643	"
D. J. KEARNEY, INSPECTOR.						
....	Traces.	.....	51·5	.....	58746	Genuine.
....	" ..	....	52	.....	58747	"
....	" ..	.....	52	.....	58748	"
....	" ..	Crimson....	58	.....	58749	Not sold as lard.
....	" ..	....	51·5	.....	58750	Genuine.
....	" ..	....	51	.....	58751	"
....	" ..	Faint pink..	51·5	62·36	58752	"
Famous Star Brand.....	0·12	.....	51	.....	58753	"
....	Traces.	....	52	.....	58754	"
Swift's	3·45	....	51·5	.....	58755	Excess water. Adulterated.
....	Traces.	....	51·5	.....	58756	Genuine.
....	" ..	Crimson....	53	80·16	58757	Adulterated. Contains cotton seed oil.
....	" ..	....	50·5	.....	58758	Genuine.
... .	" .	....	51	.....	58759	"
.....	" ..	.....	50	.....	58760	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer.	Furnisher.
DISTRICT OF VALLEYFIELD							
1913.							
July 2	Lard	58036	J. Dallaire, Lachute, P.Q.	1½lb.	30	Matthews-Laing, Ltd.	
" 2	"	58037	J. D. Campbell, Lachute, P. Q.	2 "	40	O'Keefe & Drew, Chatham, Ont.	
" 4	Compound	58038	Arthur Bisset, Farnham, P. Q.	1½ "	21	N. K. Fairbanks Co.	
" 4	Lard	58039	R. Bernard, Farnham, P. Q.	1½ "	30	A. Archambault, Farnham.	
" 10	"	58040	P. J. Roy, St. Johns, P. Q.	1½ "	27	Wm. Davies Co., Ltd.	
" 10	Shortening	58041	E. Leblanc, St. Johns, P. Q.	1½ "	23	Gunns Ltd	
" 10	Lard	58042	V. Gregoire, St. Johns, P. Q.	1½ "	27		Stewart & Demault, St. Johns, P. Q.
" 10	"	58043	Vallee & Montambault, St. Johns, P. Q.	1½ "	27	Morris Co., Chicago.	
" 10	"	58044	Leduc et Frere, Valley-P. Q.	1½ "	28		
" 15	"	58045	J.A. N. Bourassa, Valley-field, P. Q.	1½ "	27		
" 15	"	58046	Primeau Freres, Valley-field, P. Q.	1½ "	27		
" 21	Compound	58047	Theodule Aubry, Lancaster, Ont.	1½ "	25		
" 21	Lard	58048	D. McRae, Lancaster, Ont.	1½ "	27	Wm. Davies Co., Ltd., Montreal	
" 21	"	58049	John Caron, Lancaster, Ont.	1½ "	4	Swifts Canad Co., Ltd., Toronto.	
" 26	"	58050	Adam Miller, Huntingdon Ont.	1½ "	30	Matthews-Laing, Ltd., Montreal.	
DISTRICT OF OTTAWA							
June 28	Crisco	59136	The Mackay Bros., Ltd., Renfrew, Ont.	1½lb.	35	The Procter Gamble Co., Cincinnati, O.	Robertson Nicolle, Kingston.
" 28	Cottolene	59137	Michael Vice, Renfrew, Ont.	1½ "	20	Fowlers Canadian Co., Hamilton.	Manufacturers
" 30	Lard, Compound.	59138	Baxter & Co., Smith's Falls, Ont.	3 "	50	Geo. Matthews Co. Ltd., Hull, P.Q.	"
" 30	Lard, Compound.	59139	A. T. Ellicott, Smith's Falls, Ont.	1½ "	20	Swift Canadian Co.	"
" 30	Lard	59140	Jno Anderson, Smith's. Falls, Ont.	2 "	38	The Whyte Pack Co., Ltd., Stratford.	"
" 30	Lard, Compound.	59141	Jno. Anderson, Smith's Falls, Ont.	2 "	34	The Jones P. & P. Co., Ltd., Smith's Falls.	"
" 30	Lard, Compound.	59142	McLean Bros., Smith's Falls, Ont.	1½ "	23	Gunns Ltd., Toronto.	"

LARD AND LARD SUBSTITUTES.

Inspector's Report. (Is not an expression of opinion.	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro-refractometer Reading at 40°c.	Iodine Number (Hanus).		
J. J. COSTIGAN, ACTING INSPECTOR.						
	p. c.					
.....	Traces.	Pink..	51·5	60·92	58036	Genuine.
.....	"	.....	51	.....	58037	"
.....	"	Crimson....	58	.....	58038	Sold as compound.
.....	"	Faint Pink..	50·5	58·61	58039	Genuine.
.....	"	.....	50·5	.....	58040	"
Easifirst.....	"	Crimson....	56·5	.....	58041	Not sold as Lard.
.....	"	.....	50·5	.....	58042	Genuine.
.....	"	Faint Pink..	51	64·27	58043	"
.....	"	.....	52	.....	58044	"
.....	"	.....	50·5	.....	58045	"
.....	"	.....	50·5	.....	58046	"
Fairbanks.....	"	Crimson....	58	96·04	58047	Sold as compound.
.....	"	.....	51·5	.....	58048	Genuine.
.....	1·67	.....	51·5	.....	58049	Excess water adulterated.
.....	Traces.	Light Pink	51	61·79	58050	Genuine.
J. A. RICKEY, INSPECTOR.						
Purely Vegetable, guaranteed.	Traces.	.....	55·5	.....	59136	True to name. Not sold as Lard.
Labelled Eclipse Com. Lard sold as Cottolene.	"	Crimson...	58·5	90·63	59137	" " " " "
Buttercup Brand.....	"	"	55	.....	59138	Sold as compound.
.....	"	"	56·5	.....	59139	" "
White Pure Lard.....	"	.....	50·5	.....	59140	Genuine.
Ridora Brand.....	"	Crimson...	57·5	.....	59141	Sold as compound.
Easifirst Shortening.....	"	"	57	.....	59142	" "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF OTTAWA—							
1913.							
July 3	Lard Compound.	59143	J. Y. Patrick, Westboro, Ont.	2 lbs.	30	Gunns, Ltd., Toronto.	Manufacturer ..
" 3	Lard.	59144	A. J. Lasalle, Westboro, Ont.	2 "	36	O'Keefe & Drew, Chatham, Ont.	H. N. Bate & Sons, Ottawa.
" 3	"	59145	Graham & Acres, Westboro, Ont.	2 "	36	Matthews-Laing, Ltd., Hull.	Manufacturer ..
" 4	"	59146	F. H. Gilchrist, Ottawa..	2 "	36	Fowlers Canad. Co., Hamilton.	" .
" 4	"	59147	H. Richardson, 1087 Wellington st., Ottawa.	1½ "	27	Wm. Davies Co., Ltd., Montreal.	" ..
" 4	Cottolene	59148	A. G. Hannah, Ottawa...	1½ "	25	Fairbanks, Montreal.	Bow & Co., Toronto.
" 11	Lard Compound.	59149	Jos. P. Valiquette, Dalhousie st., Ottawa.	1½ "	23	The Jones P. & P. Co., Ltd., Smith's Falls.	Manufacturer ..
" 11	Crisco.	59150	A. E. Rea Co., Ltd., Ottawa.	3 tins.	90	The Proctor-Gamble Co., Cincinnati, O.	Unknown .
DISTRICT OF KINGSTON—							
June 23	Lard..	57334	J. Gilbert, Kingston...	1½ lbs.	27	Gunn Co., Toronto	
" 23	"	57335	A. Glover, Kingston....	1½ "	27	F. W. Fearman, Hamilton.	
" 23	"	57336	J. E. Purdy, Kingtaton..	1½ "	27	Gunn Co., Toronto	
" 23	"	57337	S. Jackson, Kingston....	1½ "	27	Freeman Co., Hamilton.	
" 23	"	57338	C. Saunders, Kingston...	1½ "	30	Gunn Co., Toronto	
" 23	"	57339	C. H. Pickering, Kingston.	1½ "	27	Fowler Co, Hamilton.	
" 23	"	57340	E. S. Suddard, Kingston	1½ "	27	Gunn Co., Toronto	
" 23	"	57341	D. Couper, Kingston....	1½ "	25	Geo. Matthews, Peterboro.	
" 23	"	57342	J. Crawford, Kingston...	1½ "	27	Gunn Co., Toronto	
" 23	"	57343	J. Redden Co., Kingston.	1½ "	28	F. W. Fearman, Hamilton.	
" 25	"	57344	W. H. Lanning, Belleville	1½ "	27	Fowler Co., Hamilton.	
" 25	"	57345	J. H. P. Young, Belleville	1½ "	27	Fearman, Hamilton.	
" 25	"	57346	Thompson Bros., Belleville.	1½ "	27	Gunn Co., Hamilton.	
" 25	"	57347	Estate H. Crozier, Cobourg.	1½ "	27	Fowlers Co., Hamilton.	
" 26	"	57348	P. S. White, Peterboro...	1½ "	30	Geo. Matthews Co. Peterboro.	

LARD AND LARD SUBSTITUTES.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis. Water.	Halphen Test.	Butyro Refracto-meter Reading at 40°c.	Iodine Number (Hanus).	No. of Sample.	Remarks and Opinion of the Chief Analyst.
Concluded.						
	p. c.					
Easifirst shortening	Traces.	Crimson.	57·5		59143	Sold as compound.
Guaranteed absolutely pure.	"		51·5		59144	Genuine.
Labelled pure lard choice quality.	"	Pink.	51	60·42	59145	"
L. & S. Best Brand Fowlers Pure Lard.	"	"	50·5	61·02	59146	"
Labelled pure lard.	"		51		59147	"
	"	Crimson	57		59148	True to name. Not sold as lard.
Ridora Brand	"	"	58		59149	Sold as compound.
Guaranteed purely vegetable.	"		55·5		59150	True to name. Not sold as lard.
JAS. HOGAN, INSPECTOR.						
	Traces.		51		57334	Genuine.
	"		51		57335	"
	"		51		57336	"
	"		50·5		57337	"
	"		50·5		57338	"
	"	Pink.	52	61·51	57339	"
	"		51		57340	"
	"		51		57341	"
	"		51		57342	"
	"	Crimson	52	63·61	57343	Doubtful. See p. 2.
	"		51·5		57344	Genuine.
	"	Pink.	51·5	60·84	57345	"
	"		50		57346	"
	"		51		57347	"
	"		51		57348	"

Date of Collection.	Name of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer.	Furnisher
			DISTRICT OF TORONTO—				
1913.							
June 24	Crisco	57445	T. B. Cramp, Orillia	1 tin	35	Proctor Gamble Co., Cincinnati, O.	Davidson Hay Co., Ltd., Toronto
" 24	Lard	57446	Sinclair & Co.	1½lb.	27	Gunns Ltd., Toronto.	
" 25	"	57447	H. J. Buchanan, Barrie	1½ "	30	F. W. Fearman Co., Hamilton.	
" 25	Easifirst	57448	P. Kearns, Barrie	1½ "	23	Gunns Ltd., Toronto.	
" 27	Snow Drift Oil	57749	J. E. Waterhouse, Whitby	2 tins.	76	The Southern Cotton Oil Co.	T. Kinnear & Co. Ltd., Toronto.
" 30	Lard, Compound.	57450	The Harris, Abattoir Co., Ltd., Toronto.	2 lb	23	Vendors.	
July 2	Cotosuet	57451	Swift's Canadian Co., Ltd., Toronto.	3 "	35	"	
" 2	Cotolene	57452	Nasmiths Ltd., 42 Duchess St., Toronto.	1½ "	nil.	N. K. Fairbanks, Ltd., Montreal.	
" 3	Snowflake Shortening.	57453	Matthews Laing Co., Ltd. Toronto.	2 "	23	Vendor.	
" 3	Deb	57454	Geo. Weston Ltd., 420 Bathurst St., Toronto.	1½ "	23		W. G. Patrick Co., Toronto.
" 4	Lard, Compound	57455	The Wm. Davies Co., Ltd., 562 Queen St., West, Toronto.	2	34	Vendors	
" 7	Lard, Compound.	57456	T. Chisholm, 298 Queen St., East, Toronto.	1½ "			N.K. Fairbanks, Montreal.
" 7	Flex	57457	W. J. Lloyd & Co., 520 Parliament St., Toronto	1½ "	25		W. G. Patrick, & Co., Toronto.
" 7	O. Shortening.	57458	H. C. Barker, 283 Spadina Ave., Toronto.	1½ "	15		The Bowes Co., Ltd., Toronto.
" 8	Crisco	57459	Kennedy Bros., 975 Queen St., East, Toronto.	1pkg.	30		Unknown
			DISTRICT OF HAMILTON—				
July 8	Lard, Compound.	58801	A. C. Vasper, 37-38 Central Market, Hamilton	1½lb.	18	The Harris Abattoir Co., Toronto	
" 8	Lard, Compound.	58802	A. J. Lambert, 17 18 Central Market, Hamilton.	1½ "	25	N. K. Fairbanks Co., Montreal.	
" 8	Shortening.	58803	O. W. Bessey, 31-32 Central Market, Hamilton.	1½ "	25	Gunns Ltd., Toronto.	
" 8	Lard Compound.	58804	Jos. A. Farmer, 53-54 Cen. Market, Hamilton	1½ lb.	27	Vendor	
" 8	Lard	58805	J. E. Church, 44 Mary St., Brantford.	1½ "	27	Fowlers Canadian Co., Hamilton.	
" 10	"	58806	Spencer Smith, Brant St., Burlington.	3 "	54	" "	
" 16	Crisco	58807	W. Kerns & Co., Water St., Burlington.	3 tins.	90	The Proctor Gamble Co., Cincinnati, Ohio.	
" 19	Lard	58808	Henry & Glacken, Church St., St. Catherines.	1½ lb.	27	Moyer Bros., St. Catherines.	

LARD AND LARD SUBSTITUTES.

Inspector's Report. (Is not an expression of Opinion.	Results of Analysis. Water.	Halphen Test.	Butyro Refracto-meter Reading at 40°c.	Iodine Number (Hanus).	No. of Sample.	Remarks and Opinion of the Chief Analyst.
H. J. DAGER, INSPECTOR.						
	p. c.					
Purely Vegetable..	Traces..	..	55·5	....	57445	True to name, Not sold as lard.
Maple Leaf Brand. Pure Lard.	"		51·5	.. . ..	57446	Genuine.
....	" ..	Faint Pink..	53	51·90	57447	"
....	" .	Crimson ..	57·5	.. ..	57448	Not sold as lard.
Weeson Snow Drift Oil Choice winter pressed Cotton Seed Oil.	" ..	" ...	58	122·9	57449	Cotton seed oil. True to name Not sold as lard.
Domestic.	" ..	"	57·5	... .	57450	Sold as compound.
Refined Cotton Seed Oil. Beef Stearine.	" ..	" .	58	.....	57451	True to name. Not sold as lard
....	"	"	58	.... ..	57452	" " " "
Snowflake	"	" .	55·5	...	57453	Not sold as lard.
. . . . .	9·75	.....	58	73·15	57454	Excess water. Adulterated. Contains traces of nickel. Ash = 1·55
Peerless....	Traces..	Crimson....	57·5	.. ....	57455	Sold as compound.
. .. .	1·33	" ...	57	94·74	57456	Excess of water. Adulterated.
Boars Head.	8·83	....	56·5	61·11	57457	Excess water—traces of nickel. Ash = 0·77. Adulterated.
....	Traces..	Crimson ..	57·5	.....	57458	Not sold as lard.
Velvet, O..... . .	"	... .	55·5	.....	57459	True to name. Not sold as lard.
D. M. CAMERON, INSPECTOR.						
. . . . .	Traces..	Crimson .	57	88·90	58801	Sold as compound.
. ...	1·75	"	57	....	58802	Sold as compound. Excess water Adulterated.
... .	Traces..	"	57	....	58803	Not sold as lard.
. . . . .	"	. . . .	59·5	....	58804	Sold as compound.
L. & S.	" . . .		51	... .	58805	Genuine.
Pure	" ..	....	50·5	.....	58806	"
....	"	....	53	.....	58807	True to name. Not sold as lard.
Pure	" .. .	....	51	.....	58808	Genuine.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer.	Furnisher.
DISTRICT OF HAMILTON—							
1913.							
July 19	Lard	58809	Wilson's, 33 Queen St. St. Catherines.	3 lb	51	F. W. Fearman Co., Ltd., Hamilton.	
" 20	"	58810	L. McMann, Front St., Thorold.	3 pkgs	54	SwiftCanadianCo., Ltd.	
" 20	"	58811	I. A. Smith, Front St., Thorold.	1½ lb.	27	St. Thomas Packing Co., St. Thomas.	
" 20	Shortening	58812	W. Diamond, Front St., Thorold.	1½ "	23	Gunn's, Ltd., Toronto.	
Aug. 25	Lard	58813	Hood & Bennalack, Windham St., Guelph.	1½ "	30	Fowlers Canadian Co., Hamilton.	
" 26	"	58814	J. M. Schneider, King St., Berlin.	1½ "	27	Vendor	
" 26	"	58815	W. J. McCutcheon, King St., Berlin.	1½ "	27	"	
" 26	"	58823	J. S. O'Neil, 57 Main St., Welland.	1½ "	30	Unknown	
DISTRICT OF WINDSOR—							
June 23	Lard	54828	A. E. Rosenberger, London.	1½ lb.	27	Ingersoll Packing Co.	
23	"	54829	Alp. Johnson, London	1½ "	27	Unknown	
" 23	"	54830	F. C. Toon, London	1½ "	23		Elliot Marr & Co., London.
" 23	"	54831	Hoskin & Reynolds, London.	1½ "	25	Hammond Standish Co., Detroit	
" 24	"	54832	St. Thomas Packing Co., London.	1 pail	48	St. Thomas Packing Co., St. Thomas.	
" 24	"	54833	Mrs. F. Boug, London West.	1½ lb.	23	Jno. Duff & Son, Hamilton.	
" 24	"	54834	R. H. Wade, London West.	1½ "	24	F. W. Fearman Co., Hamilton.	
" 24	"	54835	W. T. Mullens, London West.	1½ "	33	Dom. Abattoir Co., London.	
" 24	"	54836	Taples Market, London	2 pkgs	36	Fowlers Canadian Co., Hamilton.	
July 3	"	54837	Orendorf Bros., Ridgetown	1½ lbs.	30	Matthews-Laing, Ltd., Brantford.	
3	"	54839	J. Caron, Ridgetown	1½ "	30	St. Thomas Packing Co., St. Thomas.	
" 3	"	54840	Jas. White, Ridgeton	1 tin	40	"	
" 3	"	54844	Clark & Sons, Ridgeton	1½ "	37	Matthews-Laing, Co., Brantford.	

LARD AND LARD SUBSTITUTES.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro Refractometer Reading at 40°c.	Iodine Number (Hanus).		
Included.						
	p.c.					
Pure	Traces.		50·5		58809	Genuine.
"	"		51·5		58810	"
"	"		51·5		58811	"
Easifirst	"	Crimson	57		58812	Not sold as lard.
	"		51		58813	Genuine.
	1·47		50		58814	Excess water. Adulterated.
	Traces.		51		58815	Genuine.
	"		50·5		58823	"
JNO. TALBOT, INSPECTOR.						
Beaver Brand Pure Lard	Traces.		52		54828	Genuine.
	"	Crimson	51·5	65·21	54829	Doubtful. See p. 2.
Silver Star Pure Lard	"		52		54830	Genuine.
Silver Star Lard, Guaranteed Pure.	"		51		54831	"
Elgin Brand Pure Lard.	"		51		54832	"
Horse Shoe Brand Pure Lard.	"		51·5		54833	"
Star Brand Pure Lard	"		52		54834	"
National Pure Lard	"		50		54835	"
L & S. Brand Choice Pure Lard.	"	Faint pink.	50	60·04	54836	"
Pure lard	"		51·5		54837	"
Elgin Brand Pure Lard.	"		52		54839	"
"	"		51·5		54840	"
Matthew's Leaf Lard	"		50·5		54844	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost. Quantity.	Cost. Cents.	Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer.	Furnisher.
DISTRICT OF MANITOBA							
1913.							
June 19	Lard.	48870	A. J. Kemball, Main st. N., Winnipeg.	½ lbs.	55	Swift's Canadian Co., Winnipeg.	
" 19	"	48871	Jas. Enright, Main and Jarvis, Winnipeg.	2½ "	55	Western Packing Co., Ltd., Winnipeg.	
" 19	"	48872	J. B. Coyle, Main st. N., Winnipeg.	2½ "	60	Swift's Canadian Co., Ltd., Winnipeg.	
19	"	48873	H. A. Paul, Main st. N., Winnipeg.	2½ "	55	"	
" 19	Crisco	48874	J. A. McDowell, Sherbrooke st., Winnipeg.	1½ "	30	The Procter, Gamble Co., Cincinnati, O.	
" 20	Lard	48875	J. A. McDowell, Sherbrooke st., Winnipeg	2½ "	55	Western Packing Co., Ltd., Winnipeg.	
20	Crisco	48876	Dungan & Hunter, Logan ave., Winnipeg.	1½ "	30	The Procter&Gamble Co., Cincinnati, O.	
20	"	48877	Patterson Grocer, Elmwood, P.O., Winnipeg.	1½ "	30	"	
" 20	"	48878	Gallagher Bros., Elmwood, P.O., Winnipeg.	1½ "	30	"	
" 20	Lard.	48879	"	2½ "	55	Swift's Canadian Co., Ltd., Winnipeg.	
July 4	"	48880	Portage Prov. Store, Portage ave., Winnipeg.	1 pail.	55	Gordon, Ironsides, Fares Co., Winnipeg	
" 4	"	48881	Western Cash Store, Portage ave., Winnipeg.	1 "	55	"	
14	"	48882	T. A. Newman & Bros., Portage La Prairie.	1 "	60	"	
15	"	48883	Ed. Bolton, Brandon.	1 "	60	Swift's Canadian Co., Winnipeg.	
" 15	"	48884	Greenstone Grocery, Brandon.	1 "	60	The Cudahy Packing Co.	The CodvilleCo., Brandon.
DISTRICT OF ROCKY MOUNTAINS—							
July 2	Lard	49912	L. C. Masson, Revelstoke, B.C.	1 pail.	65	P. Burns Co., Calgary.	
" 2	"	49913	" "	1 "	65	Swift's Canadian Co., Edmonton	
" 2	Lard Compound.	49914	" "	1 "	55	"	
16	Lard	49930	H. T. Bilkey, Rossland, B.C.	1 "	75	"	
16	"	49931	" "	1 "	75	Armour & Co., Chicago.	

LARD AND LARD SUBSTITUTES.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.					Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro Refractometer Reading at 40°c.	Iodine Number (Hanus).	No. of Sample.	
A. C. LARIVIERE, INSPECTOR.						
	p. c.					
	Traces.	Faint pink..	50·5	63·76	48870	Genuine.
	"	.....	51·5	.....	48871	"
		.....	52	.....	48872	"
	"	Light pink.	52	62·73	48873	"
	"		55·5	74·89	48874	True to name. Not sold as lard.
	0·27	.....	51	.....	48875	Genuine.
	Traces.	.....	55·5	.....	48876	True to name. Not sold as lard.
	"	.....	55·5	.....	48877	" "
		Pink.	54·5	79·37	48878	" "
	"	.....	51	.....	48879	Genuine.
	"	.....	51·5	.....	48880	"
	"	.....	52	.....	48881	"
	"	.....	53	.....	48882	"
	0·19	.....	52	.....	48883	"
"Rex" Pure Lard.....	0·19	.....	52	.....	48884	"
THOS. PARKER, INSPECTOR.						
Shamrock.....	Traces	Light pink.	51	63·37	49912	Genuine.
Silver Leaf	"	Faint pink..	51·5	63·97	49913	"
Pure Lard with 35 p.c. Beef Fat.	"	.....	50·5	.....	49914	Sold as compound.
Silver Leaf.....	"	Faint pink..	51·5	59·60	49930	Genuine.
Shield	"	.....	52	.....	49931	"

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF ROCKY MOUNTAINS—							
1913.							
July 16	Lard	49934	Hunter Bros., Rossland, B.C.	1 pail.	100	E. H. Stanton Co., Spokane, Wash.	
" 16	Crisco	49935	" "	1 tin.	40	Proctor-Gamble Co., Cincinnati, Ohio.	
" 16	Lard Compound.	49936	A. J. Shirley, Rossland, B.C.	1½ lb.	25	Swift's Canadian Co., Edmonton.	
" 28	Lard	49937	P. Burns & Co., Nelson, B.C.	1 pail.	60	P. Burns & Co., Calgary.	
" 28	Lard Compound.	49938	" "	1 "	45	"	
" 28	"	49939	G. G. Peters, Nelson, B.C	1 "	70	Swift's Canadian Co., Edmonton.	
" 28	Lard	49941	Star Grocery, Nelson, B.C.	1 "	70	Armour & Co., Chicago.	
DISTRICT OF VANCOUVER—							
Aug. 19	Lard Compound.	54946	Western Grocery Co., Main St., Vancouver, B.C.	1½ lb.	20	P. Burns & Co., Vancouver.	
" 19	Lard	54947	J. S. Kelly, 2333 Main St., Vancouver, B.C.	1½ "	30	"	
" 19	Lard Compound.	54948	Vancouver-Prince Rupert Meat Co., Mt. Pleasant Branch, Vancouver, B.C.	1½ "	20	Vendors	
" 19	Lard	54949	K. & M. Grocery, 2505 Main St., Vancouver, B.C.	1½ "	30	P. Burns & Co., Vancouver.	
" 20	"	54950	Vancouver-Prince Rupert Meat Co., 608 Granville St., Vancouver, B.C.	1½ "	25	Vendors	
" 20	Compound	54951	Slater Bros., 856 Granville St., Vancouver, B.C.	1½ "	20	P. Burns & Co., Vancouver.	
" 21	"	54952	Kamloops-Vancouver Meat Co., Powell and Main Sts., Vancouver, B.C.	1½ "	25	Vendors	
Sept. 3	"	54953	David Spencer, Ltd., Vancouver.	3 "	40	Swift's Canadian Co., Winnipeg.	

LARD AND LARD SUBSTITUTES.

Inspector's Report. (Is not an expression of Opinion.)	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Water.	Halphen Test.	Butyro Refractometer Reading at 40°C.	Iodine Number (Hanus).		

Concluded.

	p.c.					
....	Traces.	....	50·5	.....	49934	Genuine.
....	" ..	....	55	.....	49935	True to name. Not sold as lard.
Jewel.....	" ..	Crimson....	55	.....	49936	Sold as compound.
Shamrock.....	" ..	Red.....	51·5	64·76	49937	Doubtful. See p. 2.
White Carnation.....	" ..	Crimson....	54·5	.....	49938	Sold as compound.
Jewel.....	" ..	" ...	55·5	... ...	49939	" "
Simon Pure	" ..	.....	51·5	.....	49941	Genuine.

J. F. POWER, INSPECTOR.

Carnation Brand.....	Traces .	Crimson....	55	. .....	54946	Sold as compound.
Shamrock Brand Pure Lard.	" ..	Pink.....	52	63·26	54947	Genuine.
Oak Leaf Brand.....	" ..	Crimson....	54·5	.....	54948	Sold as compound.
Shamrock.....	" ..	.....	51	.....	54949	Genuine.
White Lily Brand Pure Lard.	" ..	.....	51	.....	54950	"
....	" ..	Crimson....	54	.. ..	54951	Sold as compound.
....	" ..	.....	50·5	.....	54952	" "
.....	" ..	Crimson....	54	... .	54953	" "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
						DISTRICT OF VICTORIA—	
1913.							
July 18	Lard Substitutes.	57612	The West End Grocery Co., Ltd., 1002 Govt. St., Victoria, B. C.	2 lbs..	45	Frye Bruhn Inc., Seattle, Wash.	....
" 18	Cotosuet.....	57613	The West End Grocery Co., Ltd., 1002 Govt. St., Victoria, B. C.	5 " .	75	Swifts Canadian Co., Winnipeg.	... .
" 18	Crisco.....	57615	Copas & Young, 633 Fort St., Victoria, B. C.	1½ " ..	35	....	....
" 18	Lard, Compound.	57618	Vanc, Prince Rupert Meat Co., 1423 Douglas St., Victoria, B. C.	1½ " ..	20	Vendors.....	....
" 18	Lard, Compound.	57619	Vanc. Prince Rupert Meat Co., Ltd., 586 Johnson St., Victoria, B. C.	3 " ..	50	"	....
" 21	Lard, Compound.	57620	H. O. Kirkham & Co., 741 Fort St., Victoria, B. C.	1½ " ..	20	"	.....
" 21	Crisco.....	57621	H. O. Kirkham & Co., 741 Fort St., Victoria, B,C.	1½ " ..	35	The Proctor Gamble Co., Cincinnati, O.	....
" 21	Lard, Compound.	57624	P. Burns & Co., Ltd., 902 Fort St., Victoria, B C.	3 " ..	45	Vendors	....
" 21	Lard, Compound.	57625	P. Burns & Co., Ltd., 902 Govt. St., Victoria, B.C.	1½ " ..	25	P. Burns & Co., Vancouver, B.C.	.....
" 22	Lard, Compound.	57626	Dom. Market, Oak Bay Junction, Victoria, B.C.	3 " ..	20	Swifts Canadian Co., Ltd., Winnipeg.	.. ..
" 22	Lard, Compound.	57627	Fernwood Market, 1308 Gladstone St., Victoria, B. C.	2 " ..	20	Swifts Canadian Co., Ltd., Winnipeg.	.....
" 22	Lard, Compound.	57628	Vanc, Prince Rupert Meat Co., Ltd., 1056 Pandora Ave., Victoria, B. C.	3 " ..	45	Vendors at Vancouver.	.. ..
" 22	Lard, Compound.	57629	Jolly's Store, Cook & Pandora Avenue, Victoria, B.C.	1½ " ..	25	P. Burns & Co., Ltd. Vancouver, B. C.	....
" 22	Lard, Compound.	57630	Dom. Market Co., 1307 Gladstone Ave., Victoria B.C.	1½ "	15	Swifts Canadian Co, Ltd., Winnipeg.	.....
" 22	Lard, Compound.	57631	P. Burns & Co., Ltd., 2009 Fernwood Road, Victoria, B.C.	1½ " ..	25	P. Burns & Co., Ltd., Vancouver	....

LARD AND LARD SUBSTITUTES.

Inspector's Report. (Is not an expression of Opinion).	Results of Analysis.				No. of Sample.	Remarks and Opinion of the Chief Analyst
	Water.	Halphen Test.	Butyro Refractometer Reading at 40° c.	Iodine Number (Hanus).		
D. O'SULLIVAN, INSPECTOR.						
Contains Refined Cotton, Seed Oil and Beef Fat.	Traces.	Crimson	55·5	.....	57612	Sold as Compound.
Contains Refined Cotton, Seed Oil and Stearine.	"	"	54·5	.....	57613	True to name. Not sold as Lard.
.....	"	.....	54·5	.....	57615	" " " " "
Oak Leaf Lard, Beef Fat and Cotton Seed Oil.	"	Crimson	53·5	.....	57618	Sold as compound.
Oak Leaf Lard, Compound.	"	.....	53·5	.....	57619	" "
Dripping.....	"	.....	48	.....	57620	" "
Purely Vegetable.....	"	.....	54·5	.....	57621	True to name. Not sold as Lard.
White Carnation.....	"	Crimson	55·5	.....	57624	Sold as Compound.
" "	"	"	55	.....	57625	" "
....	"	"	55	.....	57626	" "
Swifts Jewel	"	"	55	.....	57627	" "
Oak Leaf Lard Compound.	"	"	53	.....	57628	" "
White Carnation.....	"	"	54	.....	57629	" "
Swifts Jewel Compound Lard.	0·11	Red.....	55	.....	57630	" "
....	Traces.	Crimson	55	.....	57631	" "